

**What is claimed is:**

1. A method of transmitting a radio signal comprising a sequence of data blocks in a sequence of radio blocks having equal-sized data payloads, the method comprising:-
  - transmitting an initial part of a first data block, having associated therewith a first physical transport time greater than the radio block interval, in a first radio block so as to fully occupy the data payload of the first radio block; and
  - transmitting a terminal part of a first data block and at least part of a second data block, having associated therewith a second physical transport time equal to the radio block interval, in a second radio block so as to fully occupy the data payload of the second radio block,
  - wherein said initial and terminal parts comprise equal proportions of the first data block.
2. A method according to claim 1, wherein the second radio block carries all of said second data block.
3. A method according to claim 1, comprising transmitting an intermediate part of the first data block and part of said second data block in a third radio block between the first and second radio blocks.
4. A method according to claim 1, comprising transmitting an intermediate part of the first data block and all of a third data block in a third radio block between the first and second radio blocks.
5. A method according to claim 4, wherein the second radio block carries all of said second data block.
6. A method according to claim 1, including performing a rate matching process on said data blocks for adapting them to the radio block data payload space available therefore.

7. A radio transmitter for transmitting a radio signal comprising a sequence of data blocks in a sequence of radio blocks having equal-sized data payloads, the transmitter comprising means for:-

(a) transmitting an initial part of a first data block, having associated therewith a first physical transport time greater than the radio block interval, in a first radio block so as to fully occupy the data payload of the first radio block; and

(b) transmitting a terminal part of a first data block and at least part of a second data block, having associated therewith a second physical transport time equal to the radio block interval, in a second radio block so as to fully occupy the data payload of the second radio block,

wherein said initial and terminal parts comprise equal proportions of the first data block.

8. A transmitter according to claim 7, wherein the second radio block carries all of said second data block.

9. A transmitter according to claim 8, comprising means for transmitting a intermediate part of the first data block and part of said second data block in a third radio block between the first and second radio blocks.

10. A transmitter according to claim 7, comprising means for transmitting a intermediate part of the first data block and all of a third data block in a third radio block between the first and second radio blocks.

11. A transmitter according to claim 10, wherein the second radio block carries all of said second data block.

12. A transmitter according to claim 7, including performing a rate matching process on said data blocks for adapting them to the radio block data payload space available therefore.